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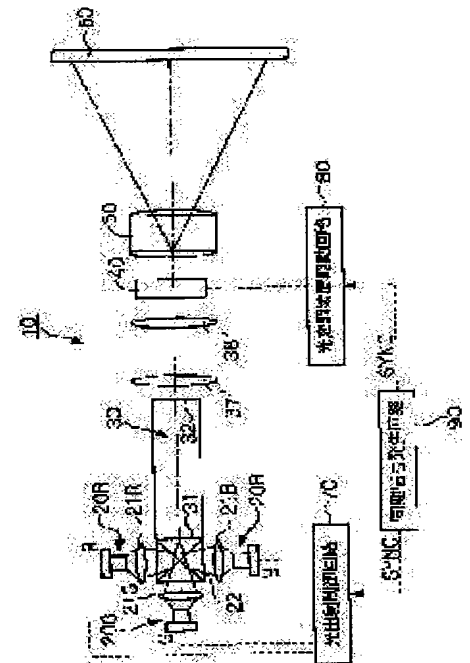
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(54) PROJECTION TYPE DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a projection type display device which can be miniaturized and whose display quality is excellent by uniformizing the illuminance (luminance distribution) of color light radiated to an optical modulator.

SOLUTION: This projection type display device 10 is equipped with light sources 20R, 20G and 20B respectively emitting a plurality of different color light beams, one rod lens (illuminance uniformizing means) 30 uniformizing the illuminance of the respective color light beams emitted from the respective light sources 20R, 20G and 20B, a light guide means 22 guiding the respective color light beams emitted by the light sources 20R, 20G and 20B to the rod lens 30 and one optical modulator 40 modulating the respective color light beams whose illuminance is uniformized by the rod lens 30. The color light beams are time-sequentially emitted from the light sources 20R, 20G and 20B, and the optical modulator 40 is time-sequentially driven corresponding to the color light beams emitted from the light sources 20R, 20G and 20B so as to synthesize a color image.



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- 3.In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1]A projection type display comprising:

Two or more light sources which can emit different colored light, respectively.

One illumination equalization means for equalizing illumination of each colored light emitted from said two or more light sources.

A light guide means to lead each colored light emitted by said two or more light sources to said illumination equalization means.

While providing one light modulation device which modulates each colored light by which illumination was equalized by said illumination equalization means, An optical outgoing radiation control means with possible controlling timing which emits colored light from each light source, and making colored light emit one by one time from said two or more light sources, A light modulation device driving means which makes it correspond to colored light emitted from each light source and as for which time drives said light modulation device one by one, A synchronizing signal generating means which generates a synchronized signal which synchronizes timing which emits colored light from each light source, and timing which drives said light modulation device, and is inputted into said optical outgoing radiation control means and said light modulation device driving means.

[Claim 2]The projection type display according to claim 1, wherein said illumination equalization means consists of a rod lens or a fly eye lens of a couple.

[Claim 3]The projection type display according to claim 1 or 2, wherein said light guide means consists of dichroic prisms.

[Claim 4]A projection type display given in any 1 paragraph from claim 1, wherein colored light emitted by said two or more light sources is red light, green light, and blue glow to claim 3.

[Translation done.]